

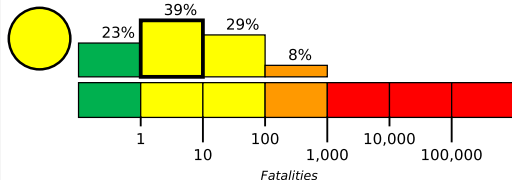
M 5.4, 24 km S of Golpra, India

Origin Time: 2023-10-02 12:45:16 UTC (Mon 18:15:16 local)

Location: 25.9591° N 90.6152° E Depth: 10.0 km

Created: 1 day, 0 hours after earthquake

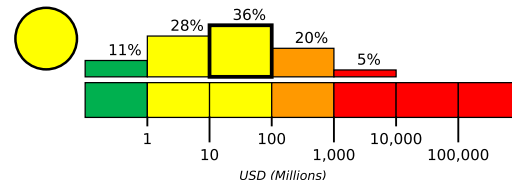
Estimated Fatalities



Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated economic losses are less than 1% of GDP of India.

Estimated Economic Losses

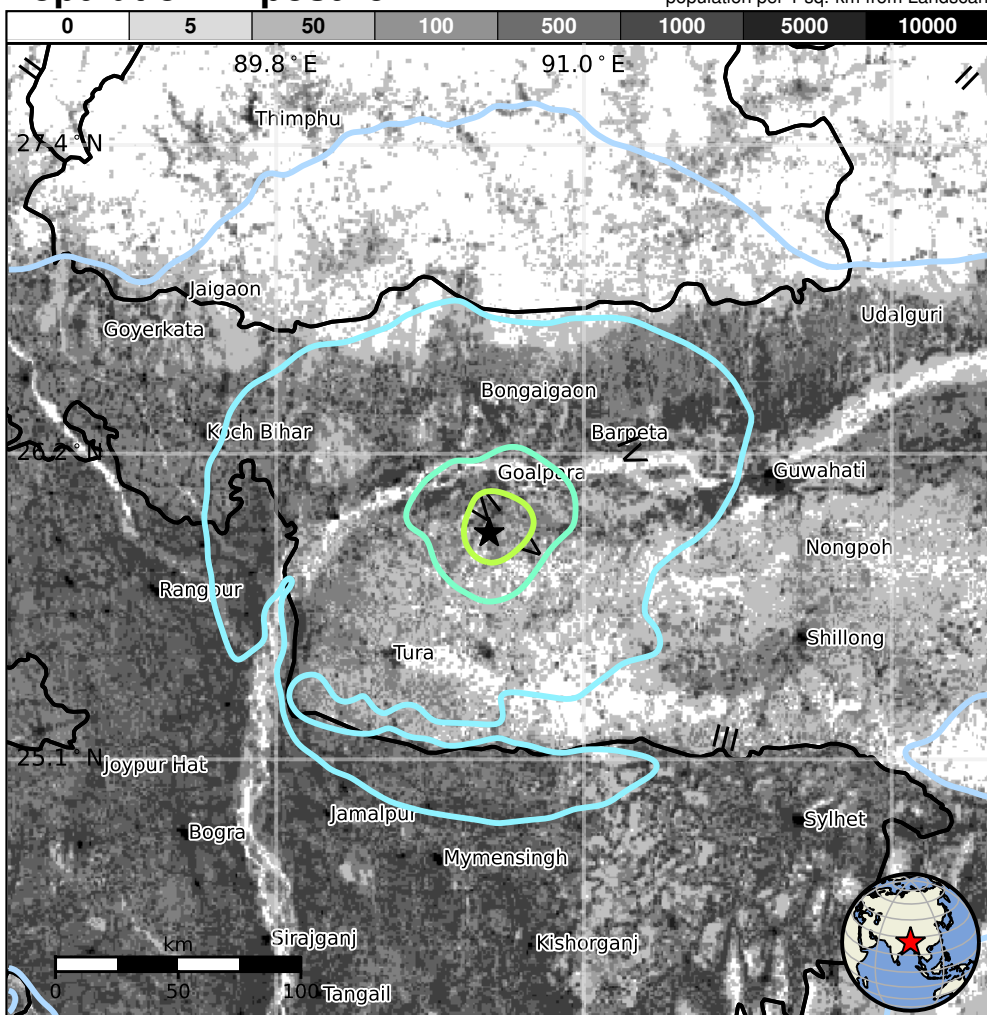


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	73,828k	19,297k	969k	261k	23k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block with wood and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2002-06-20	168	4.5	III(4,942k)	0
1980-11-19	240	6.3	VII(264k)	3
1984-12-30	266	6.0	IX(4k)	20

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Lakhipur	14k
V	Goalpara	51k
IV	Chapar	19k
IV	Abhayapuri	16k
IV	Jogighopa	2k
IV	Bilasipara	38k
III	Rangpur	343k
III	Mymensingh	225k
III	Sylhet	237k
III	Shillong	133k
II	Thimphu	99k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us60001c8t#pager>

bold cities appear on map.

(k = x1000)

Event ID: us60001c8t